



Mobile Substation #3

Board of Public Utilities

May 23, 2016

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Benefits and Purposes

1. Fast temporary restoration of distribution grid
2. Operational uses:
 - a. Planned maintenance
 - b. Temporary increase substation capacity
 - c. Forced outage repairs
 - d. Construction (Upgrade or replacement of switchgear/transformer)

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Existing Older Mobile Transformers



Mobile #1



Mobile #2

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Harvey Lynn Substation Damage



A need for a mobile with switchgear

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Mobile 3 Elevation



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Mobile 3 Benefits

1. Operation Flexibility
2. Compact design that fits inside substations
3. Improves resiliency for loss of transformer and switchgear
4. Backup for Casa Blanca Substation/Switchgear

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Recommendations

Recommend that the Board of Public Utilities:

1. Approve Work Order No. 1514752 in the amount of \$2,198,993; and
2. Approve the award of a purchase order in the amount of \$1,977,993 to Delta Star, Inc. for a 30 MVA mobile substation.

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